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<p>(54) Title: AFFINITY-CONTROLLING MATERIAL WITH THE USE OF STIMULUS-RESPONSIVE POLYMER AND SEPARATION/PURIFICATION METHOD WITH THE USE OF THE MATERIAL</p>		
<p>(57) Abstract</p> <p>An affinity-controlling material, wherein a stimulus-responsive polymer and an affinitive substance (ligand) having affinity for a target substance are independently attached, preferably covalently, to a support matrix is provided. The material is capable of separating and purifying a target substance such as a physiologically active substance under a physical stimulus while keeping at least one condition other than temperature (for example, pH value of solution, organic solvent concentration or salt concentration) constant by using a support matrix capable of preventing nonspecific adsorption of proteins and achieving an excellent separation performance.</p>		